



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/992,791	11/19/2001	Kirstan Vandersluis	XAW-0103	7351

25007 7590 09/10/2007  
LAW OFFICE OF DALE B. HALLING, LLC  
655 SOUTHPOINTE CT, SUITE 100  
COLORADO SPRINGS, CO 80906

EXAMINER
----------

BURGESS, BARBARA N

ART UNIT	PAPER NUMBER
----------	--------------

2157

MAIL DATE	DELIVERY MODE
-----------	---------------

09/10/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

09/992,791

Applicant(s)

VANDERSLUIS ET AL.

Examiner

Barbara N. Burgess

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 14 June 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

### DETAILED ACTION

This Office Action is in response to amendment filed June 14, 2007. Claims 1-18 are presented for further examination.

#### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Prompt et al. (hereinafter "Prompt", US Patent Publication 2006/0020586 A1).

As per claim 1, Prompt discloses a method for processing and generation of data messages into components comprising the computer-implemented steps of:

- Define a BizDocument containing XML which defines a data message (paragraphs [0025, 0132, 0159]);
- Provide for the ability for Client systems to request a specific BizDocument (paragraphs [0132, 0137, 0142]);
- Upon receipt of a request for a BizDocument, read the BizDocument into an attached memory, perform processing on each element within the BizDocument according to a predefined computer language (paragraphs [0168, 0173, 0203]);

Art Unit: 2157

- Send the resulting contents of the attached memory to the requesting Client system (paragraphs [0142, 0145, 0191]).

As per claim 2, Prompt discloses the method of Claim 1 wherein the method further comprises the steps of providing the capability to define data sets called Bizcomponents associated to one or more elements of a message, a Bizcomponent having a definition that is stored in a separate file or module, or generated by some other process, and the capability of processing a Bizcomponent during the processing of elements within the BizDocument (paragraph [0159]).

As per claim 3, Prompt discloses the method of Claim 2 wherein a Bizcomponent may include the definition of parameters for which the calling BizDocument or Client will provide actual values (paragraph [0193]).

As per claim 4, Prompt discloses the method of Claim 3 wherein a Bizcomponent may accept a set of elements as input and may provide a set of elements as output (paragraphs [0215-0217]).

As per claim 5, Prompt further discloses the method of Claim 4 wherein a Bizcomponent may interact with a Server system, or other Bizcomponent, or other BizDocument to transfer data to or from that Server system (paragraphs [0151, 0157]).

As per claim 6, Prompt discloses the method of Claim 5 wherein a Bizcomponent may transform data between the required format of the Server system with which it interacts, and the desired format of a message (paragraph [0167]).

As per claim 7, Prompt discloses the method of Claim 6 wherein a Bizcomponent may contain processing instructions which are processed according to a predefined computer language (paragraph [0171]).

As per claim 8, Prompt discloses the method of Claim 7 wherein a Bizcomponent may be considered to belong to a class of Bizcomponents, and a computer program or code module designed to process Bizcomponents in that class may be loaded to process the Bizcomponent (paragraph [0174]).

As per claim 9, Prompt discloses the method of Claim 8 wherein the method further comprises the steps of providing the capability for a Bizcomponent to access a Server system through an intermediate entity called a BizDriver, a BizDriver having a definition stored in a separate tile or module, or generated by some other process (paragraph [0180]).

As per claim 10, Prompt discloses the method of Claim 9 wherein a BizDriver may include the definition of parameters for which the calling Bizcomponent will provide actual values (paragraphs [0191, 0243]).

As per claim 11, Prompt discloses the method of Claim 10 wherein a BizDriver may accept a set of elements as input and may provide a set of elements as output (paragraphs [0215-0217]).

As per claim 12, Prompt discloses the method of Claim 11 wherein a BizDriver may interact with a Server system, to transfer data to or from that Server system (paragraphs [0151, 0157]).

As per claim 13, Prompt further discloses the method of Claim 12 wherein a BizDriver may contain processing instructions which are processed according to a predefined computer language (paragraph [0171]).

As per claim 14, Prompt discloses the method of Claim 13 wherein a BizDriver may be considered to belong to a class of BizDrivers, and a computer program or code module designed to process BizDrivers in that class may be loaded to process the Bizcomponent (paragraph [0174]).

As per claim 15, Prompt discloses the method of Claim 14 wherein the format of a BizDocument, Bizcomponent, and BizDriver may be Extensible Markup Language (XML) (paragraphs [0025, 0132, 0159])

Art Unit: 2157

As per claim 16, Prompt discloses the method of Claim 15 wherein a BizDocument may include the definition of parameters for which the calling Client will provide actual values (paragraphs [0191, 0243]).

As per claim 17, Prompt discloses the method of Claim 16 wherein a BizDocument may accept a set of elements as input and may provide a set of elements as output (paragraphs [0215-0217]).

As per claim 18, Prompt discloses the method of Claim 17 wherein a BizDocument may contain processing instructions which are processed according to a predefined computer language (paragraph [0171]).

### ***Response to Arguments***

**The Office notes the following arguments:**

- (a) The Applicant has amended the preamble so that it no longer discusses "partitioning" in response to the 112 rejection given in the previous office action. Claims 1-18 should now be allowable.

**In response to:**

- (a) Applicant's argument filed has been fully considered but is not persuasive.

**Conclusion**

3. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Barbara N. Burgess whose telephone number is (571) 272-3996. The examiner can normally be reached on M-F (8:00am-4:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Ettinene can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

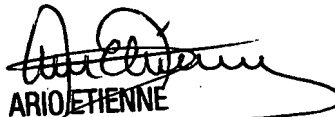


Art Unit: 2157

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Barbara N Burgess  
Examiner  
Art Unit 2157

September 3, 2007

  
ARIO ETIENNE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100